AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Previously Presented) A transceiver for transmitting signals coming from a source of signal-carrying coherent light and for receiving signals carried by coherent light, said transceiver comprising:

a receiving reflecting surface for reflecting the received signal-carrying coherent light, said receiving surface comprising an outer edge, and

an output aperture for outputting the coherent light to be transmitted, said output aperture extending outside and along the outer edge of the receiving surface.

2. (Previously Presented) The transceiver according to claim 1, further comprising a main dish, wherein said main dish comprises a first transmitting reflecting surface for reflecting the coherent light to be transmitted in a direction substantially perpendicular to an incoming direction of the received signal-carrying coherent light.

3. (Previously Presented) The transceiver according to claim 2, wherein said main dish further comprises a second transmitting reflecting surface for reflecting the coherent light reflected by the first transmitting reflecting surface towards the output aperture.

4. (Previously Presented) The transceiver according to claim 1, wherein said output aperture is substantially in the form of an annulus and disposed on a plane surface.

5. (Previously Presented) The transceiver according to claim 1, wherein said output aperture is disposed in a main dish.

6. (Previously Presented) A transmission system comprising a first and second transceivers according to claim 1 placed at a distance one from the other and arranged so coherent light beams emerging from the output aperture of the first transceiver overlap at a surface of the second transceiver.

7. (Previously Presented) A method of through-air transmitting/receiving an information-carrying coherent light beam, wherein said method comprises:

providing a first and a second transceiver placed at a distance one from the other, each of said transceivers comprising a receiving reflecting surface for reflecting coherent light received from the other transceiver, said receiving surface comprising an outer edge, and

providing each of said transceivers with an output aperture for passing the coherent light beam to be transmitted, said aperture extending outside and along the outer edge of the receiving surface.

8. (Previously Presented) The method according to claim 7, wherein said method further comprises:

passing said coherent light beam coming from a source through a first lens;

deviating a direction of the coherent light beam passed through the first lens via a first conical reflecting surface of a main dish; and

deviating the direction of coherent light beam reflected by the first conical reflecting surface, via a second conical surface of the main dish for passing through the output aperture.

9. (Previously Presented) The method according to claim 7, wherein providing an output aperture further comprises providing a single aperture substantially in the form of an annulus and disposed on a plane surface.

10. (Previously Presented) The method according to claim 9, wherein providing an output aperture further comprises directly providing said aperture on a main dish.

11. (Previously Presented) A transceiver for transmitting signals coming from a source of signal-carrying coherent light and for receiving signals carried by coherent light, said transceiver comprising:

a receiving reflecting surface for reflecting the received signal-carrying coherent light, said receiving surface comprising an outer edge, and

an output aperture for outputting the coherent light to be transmitted, said output aperture extending outside and along the outer edge of the receiving surface and spatially separating the coherent light to be transmitted from the received signal-carrying coherent light.

12. (Previously Presented) A method of through-air transmitting/receiving an information-carrying coherent light beam, wherein said method comprises:

providing a first and a second transceiver placed at a distance one from the other, each of said transceivers comprising a receiving reflecting surface for reflecting the coherent light received from the other transceiver, said receiving surface comprising an outer edge, and

providing each of said transceivers with an output aperture for passing the coherent light beam to be transmitted, said output aperture extending outside and along the outer edge of the receiving surface and spatially separating the coherent light to be transmitted from the received signal-carrying coherent light.

13. (New) The transceiver according to claim 1, wherein said output aperture is outside of said receiving reflecting surface such that said coherent light to be transmitted and said received signal are spatially separated.

14. (New) The method according to claim 1, wherein said output aperture is outside of said receiving reflecting surface such that said coherent light to be transmitted and said received signal are spatially separated.